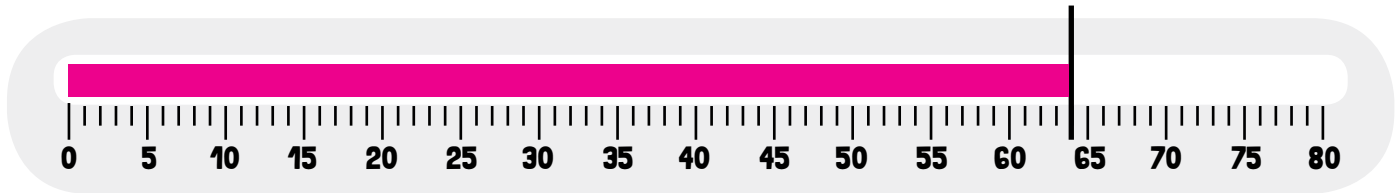


USING A THERMOMETER TO SOLVE TEMPERATURE PROBLEMS

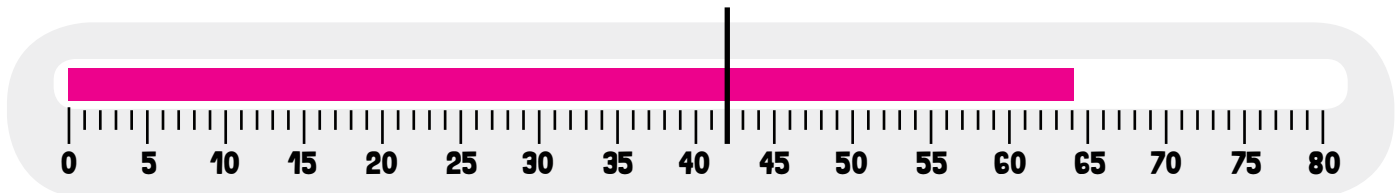
Subtraction

Directions: Use the thermometer to help solve the problems about temperature.

Example: The temperature on a fall afternoon is 64 degrees F. The morning temperature was 22 degrees cooler. What was the temperature in the morning?



To solve this problem start by drawing a line at the 64 degrees mark.

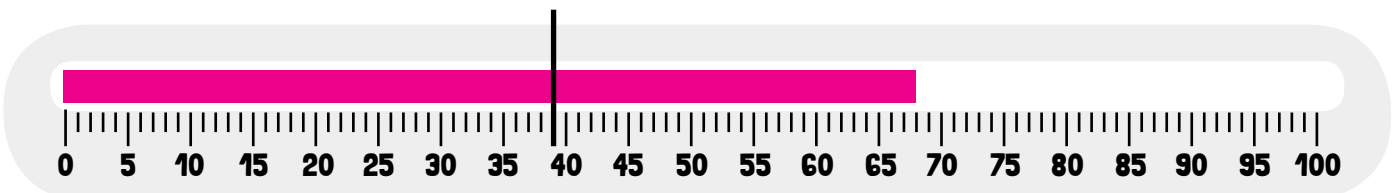


Then count down 22 spaces to get to the answer.

$64 - 22 = 42$ The temperature in the morning was 42 degrees Fahrenheit.

Now, you try. Read the problems and use the thermometers to help you solve them. Then, write a number sentence to go with each problem.

- 1** In September, the highest temperature was 68 degrees F and the lowest temperature was 29 degrees cooler. What was the lowest temperature in September?



Number sentence

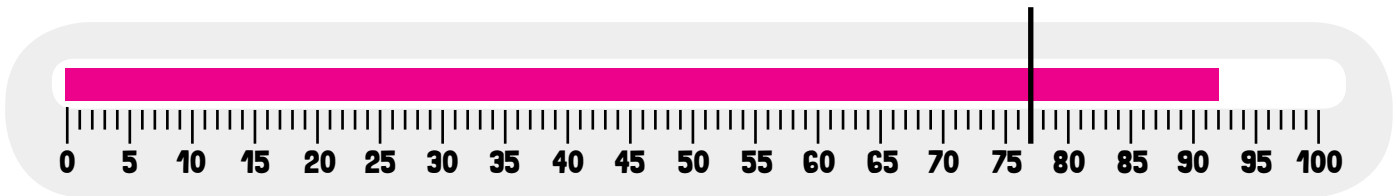
$68 \text{ degrees F} - 29 \text{ degrees F} = 39 \text{ degrees F}$

The lowest temperature in September was

39 degrees F

2

One summer day the high temperature was 92 degrees F. By the evening it had cooled down 15 degrees. What was the temperature in the evening?



Number sentence

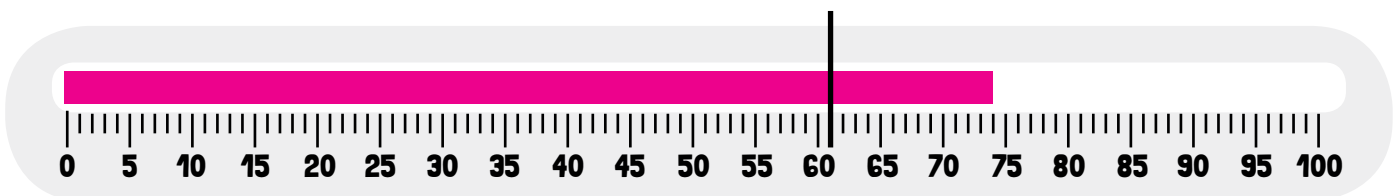
$$92 \text{ degrees F} - 15 \text{ degrees F} = 77 \text{ degrees F}$$

The evening temperature was

77 degrees F

3

Zelda checked the temperature at lunchtime and it was 74 degrees F. She checked the temperature again at dinner and it was 13 degrees cooler. What was the temperature at dinner time?



Number sentence

$$74 \text{ degrees F} - 13 \text{ degrees F} = 61 \text{ degrees F}$$

The temperature at dinner time was

61 degrees F